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YUZAWA SATOSHI
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ENDO KAZUYOSHI(54) ELECTROLYTE FOR ELECTROLYTIC
CAPACITOR DRIVE

(57) Abstract

PURPOSE: To remove main causes, which cause the deterioration of the characteristics of a capacitor, by a method wherein a specified amount of an alkoxysilane is added to an electrolyte for electrolytic capacitor drive obtainable by dissolving an organic dicarboxylic acid or its salt in a mixed solvent consisting of an ethylene glycol and water.

alkoxysilane or more than two kinds of alkoxysilanes selected from among, a trimethylethoxysilane, a methylvinylidethoxysilane, a dimethyldiethoxysilane and a phenyltrimethoxysilane is added to an electrolyte for electrolytic capacitor drive obtainable by dissolving an organic dicarboxylic acid or its salt in a mixed solvent consisting of an ethylene glycol and water. Thereby, main causes, which cause the deterioration of the characteristics of a capacitor, can be removed and an electrolytic capacitor, which is superior extending over a long period of time, can be obtained.

CONSTITUTION: 0.1 to 2wt% of one kind of an

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